Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 23 Oct 2023 until 23:59 on Tuesday 24 Oct 2023

Forecast Issued on Sunday 22 Oct 2023 at 13:13

Confidence: High confidence for a largely dry day on Monday before generally unsettled conditions become established for the rest of the coming week. Lower confidence on the detail and timing of various rain/shower bands.

Headline for Monday 23 Oct 2023: Patchy morning fog or low cloud should largely clear to leave dry conditions. Becoming breezy.

Mountain weather hazards on Monday 23 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Fog
Precipitation probability							
00%	00%	10%	10%	<05%	<05%	<05%	10%

Forecast for Monday 23 Oct 2023

Weather: Dry conditions overnight with clear spells. Patchy fog and low cloud will form in valleys, and also on some eastern upslopes. These will gradually lift and largely disperse through the morning to leave generally cloud-free summits into the afternoon, however cloud may linger across the highest east-facing peaks throughout the afternoon. Generally dry conditions during daylight hours. However, cloud will thicken from the south through the late afternoon and evening, with outbreaks of rain arriving towards midnight.

Chance of cloud-free hill tops above 600m: 30% through the morning but improving to 80% or more by afternoon. Probably decreasing again to 60% towards midnight.

Low Cloud and visibility: Valley fog and low cloud will gradually lift and disperse to leave generally good to very good visibility by afternoon, with cloud bases generally above summits. However, patchy cloud may continue to cover some high eastern peaks at times throughout the afternoon, with cloud gradually lowering again through the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 23 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/9 SE	5/11 E	6/11 E	7/14 E	13/19 E	14/21 E	15/24 E	14/22 E	14/22 E
300	3/6 E	5/8 E	5/11 E	7/16 E	10/19 SE	9/20 E	9/21 E	10/21 E	9/20 E
Valley	5/9 E	6/13 E	6/14 E	8/16 E	10/20 E	10/21 E	12/25 E	10/23 E	9/21 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/3	5/3	4/2	5/3	8/4	7/4	7/3	6/3	6/3
300	4/2	4/2	5/3	8/6	10/8	10/8	9/6	9/6	8/6
Valley	6/5	7/5	7/5	10/8	12/10	12/10	10/8	10/8	10/8
Freezing Level*	1400m	1500m	1500m	1600m	1600m	1600m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The recent heavy rainfall may continue to have an effect on walking conditions, with saturated ground likely in places and some smaller watercourses possibly in spate.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 22 Oct 2023	0.2mm	7mm	39.4mm

Forecast for Tuesday 24 Oct 2023

Weather: Outbreaks of rain, some moderate to heavy at times, will slowly ease from the south from late afternoon to leave drier conditions by midnight.

Maximum wind: Northeasterly 15-20mph at first, becoming northerly 5-10mph in the evening.

Chance of cloud-free hill tops above 600m: 10-40%.

Low Cloud and visibility: Rather extensive areas of cloud above 300-400m at first, more especially affecting eastern upslopes and giving poor to very poor visibility across affected summits. This is likely to lift a little during the afternoon, although cloud is likely to persist across higher summits into the evening. Elsewhere, visibility is likely to become moderate or good as rain clears later. However, where any cloud breaks develop through the evening, patchy fog may form in valleys.

Temperature: **Valleys:** Plus 8 degrees Celsius rising to Plus 11 degrees Celsius.
At 600m: Plus 6 degrees Celsius.
Freezing level: Above summits.

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